

IN THE CLAIMS

Please amend the claims as follows:

1-15. (canceled)

16. (previously presented) A method for manufacturing a body of revolution comprising:

first introducing at least a first heated composite strip into at least one die;

second introducing at least one molten material simultaneously with the first introducing into the die in contact with the first composite strip, to obtain at least one second composite strip; and

winding the second composite strip around a support rotating about its axis.

17. (previously presented) The method as claimed in claim 16, wherein the first composite strip is formed from continuous strands formed of glass filaments and filaments of organic thermoplastic, configured to be intimately mingled.

18. (previously presented) The method as claimed in claim 16, wherein the first strip has a void volumetric ratio of less than 5%.

19. (previously presented) The method as claimed in claim 16, wherein the first strip is obtained by assembling continuous composite strands in parallel into at least one layer, introducing the at least one layer into a region where it is heated to a temperature at least meeting a melting point of the first thermoplastic, then by passing the at least one layer of heated strands through an impregnation device to homogeneously distribute the molten first thermoplastic and impregnate the reinforcing fibers therewith.

20. (previously presented) The method as claimed in claim 16, wherein the first strip is heated to and/or kept at a temperature as far as the die or as far as a mechanism for winding the second strip.

21. (previously presented) The method as claimed in claim 16, wherein the second strip has a reinforcing material content of between 0 and 60 wt % of the strip over at least a certain part of its length, the content being variable along the length of the strip.

22. (previously presented) The method as claimed in claim 16, wherein the second material is introduced into the die after conditioned by an extrusion device.

23. (withdrawn) A device for manufacturing a body of revolution, comprising:

one or more means for producing at least one first heated composite strip;

at least one die for simultaneously receiving at least the first composite strip and at least one molten material in contact with the first composite strip, to obtain at least one second composite strip; and

one or more means for winding the second composite strip around a support rotating about its axis.

24. (withdrawn) The device as claimed in claim 23, wherein the one or more winding means comprises at least one laying head, the die being situated at an outlet from the at least one laying head.

25. (withdrawn) The device as claimed in claim 23, further comprising:

one or more means for driving and assembling the strands in a form of at least one bundle of parallel strands;

one or more means for heating the bundle;

at least one device for impregnating the heated bundle to obtain a strip;

and

one or more means for keeping the strip at a temperature at least as far as the die.

26. (withdrawn) The device as claimed in claim 23, further comprising an extruder to supply the molten second material to the die sized to a cross section of the second strip.

27. (withdrawn) A composite body of revolution having at least one region formed solely of a winding of a strip, the strip being formed of a composite strip on which a dilution material has been deposited.

28. (withdrawn) A composite body of revolution having at least one region formed solely of a winding of a composite strip, the at least one region having a reinforcement content that is variable and/or reduced and/or at least some of the reinforcement in the at least one region having a position that is off-centered within an organic material in which it is embedded and/or the reinforcement in the at least one region being embedded in at least two different materials and/or it being possible for the at least one region to be in direct contact with an inside and/or with an outside of the body of revolution.

29. (withdrawn) A composite body of revolution with a variable reinforcement content.

30. (withdrawn) A composite structure, comprising at least one composite body of revolution as claimed in claim 27.

31. (new) The method as claimed in claim 16, wherein the second composite strip is wound around the support without additional heating of the wound strip.

32. (new) The method as claimed in claim 16, wherein the second composite strip is wound around the support without applying additional pressure to the wound strip.

33. (new) A method for manufacturing a body of revolution, comprising:  
heating a first composite strip containing a first amount of reinforcing material;

simultaneously providing the heated first composite strip and a molten material to a die to form a second composite strip containing a second amount of reinforcing material;

varying the amount of molten material provided to the die to vary the second amount of reinforcing material contained in the second composite strip without varying the first amount of reinforcing material contained in the first composite strip; and

then depositing the second composite strip around a support rotating about its axis.

34. (new) The method of Claim 33, wherein the second amount of reinforcing material is varied along the length of the second strip.

35. (new) The method of Claim 33, wherein the second composite strip is deposited around the support without additional heating of the wound strip.

36. (new) The method of Claim 33, wherein the second composite strip is wound around the support without applying additional pressure to the wound strip.

37. (new) The method of Claim 33, wherein the die positions the first strip and sizes the cross section of the second strip.